

Docket No.: 13195-00009-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
PLESCH et al.

Conf. No.: Not Yet Assigned

Application No.: 10/524765

Group Art Unit: Not Yet Assigned

Filed: February 16, 2005

Examiner: Not Yet Assigned

For: METHOD FOR IDENTIFYING
HERBICIDALLY ACTIVE SUBSTANCES

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

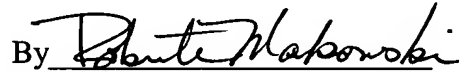
Of the documents listed on the attached SB/08 are the documents cited in the International Search Report during the prosecution of international application no. PCT/EP2003/008393, which corresponds to the above referenced application. In accordance with 37 CFR 1.97(b)(3), Applicants hereby submit these documents for the Examiner's consideration. A copy of each document required under 37 CFR 1.98(a)(2) is enclosed.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this

Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants believe no fee is due. However, if a fee is due, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13195-00009-US from which the undersigned is authorized to draw.

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/524765
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				First Named Inventor	Gunnar Plesch
				Art Unit	N/A
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-5,780,254	07-14-1998	Siehl, et al.	
	AB*	US-6,387,637-B1	05-14-2002	Levin, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	EP-1 033 405-A2	09-06-2000	Ceres Incorporated		
	BB	EP-0 335 528-A2	10-04-1989	E.I. du Pont de Nemours and Co. et al.		
	BC	EP-0 388 186-A1	09-19-1990	E.I. du Pont de Nemours and Co.		
	BD	WO-93/21334-A1	10-28-1993	Zeneca Limited		
	BE	WO-00/42205-A2	07-20-2000	Novartis AG, et al.		

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	CA	Newman, T., et al., "26140 Lambda-PRL2 Arabidopsis thaliana CDNA clone 135H3XP 3', mRNA sequence", Oct. 30, 1997, Accession No.: AA394543.				
	CB	Abell, Lynn M., "Biochemical Approaches to Herbicide Discovery: Advances in Enzyme Target Identification and Inhibitor Design", Weed Science, 1996, Vol. 44, pp. 734-742.				
	CC	Huang, E.N., et al., "Arabidopsis thaliana BAC T7B11 from Chromosome IV near 10 CM, complete sequence", April 1, 1999, Accession No.: AC007138 (and gene T7B11.6).				
	CD	Cheuk, R., et al., "Arabidopsis thaliana At2g15680 gene, complete cds", April 25, 2003, Accession No.: BT006571 (gene At2g15680).				
	CE	Seki, M., et al., "Arabidopsis thaliana At2g26150 mRNA for putative heat shock transcription factor, complete cds, clone: RAFL21-09-G23", Feb. 14, 2004, Accession No.: AK118744 (gene At2g26150).				
	CF	Spiegel, L.A., et al., "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 25", Mar. 16, 2000, Accession No.: AL161513 (and gene At4g08990).				
	CG	Shinn, P., et al., "Arabidopsis thaliana AT5g10580/F12B17_70 mRNA, complete cds", June 7, 2001, Accession No.: AF385697 (gene F12B17_70).				
	CH	Benes, V., et al., "Arabidopsis thaliana DNA chromosome 3, BAC clone F28O9", Jan. 28, 2000, Accession No.: AL137080 (and gene F28O9.140).				
	CI	Shinn, P., et al., "Arabidopsis thaliana At1g45261/F2G19.1 mRNA, complete cds", Aug. 7, 2002, Accession No.: AY128277 (F2G19.1).				
	CJ	Sato, S., et al., "Arabidopsis thaliana genomic DNA, chromosome 5, Pl clone:MEE6", Feb. 14, 2004, Accession No.: AB010072 (and gene MEE6.19).				

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			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
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CK	Bevan, M., et al., "Arabidopsis thaliana DNA chromosome 4, BAC clone (ESSA Project)", Aug. 27, 1999, Accession No.: AL049171 (and gene T25k17.110).	
CL	Khan, S., et al., "Genomic sequence for Arabidopsis thaliana BAC F22013 from chromosome I, complete sequence", Accession No.: AC003981.	
CM	Obermaier, B., et al., "Arabidopsis thaliana DNA chromosome 3, BAC clone T5N23", March 15, 2000, Accession No.: AL138650.	
CN	Kim, C.J., et al., "Arabidopsis thaliana At2g37250/F3G5.4 mRNA, complete cds", July 24, 2001, Accession No.: AY045694 (At2g37250).	
CO	Bevan, M., et al., "Hypothetical protein At4g39780", Aug. 1, 1998, Accession No.: O65665 (At4g39780).	
CP	Bevan, M., et al., "Arabidopsis thaliana DNA chromosome 4, BAC clone F17A8 (ESSA project)", March 26, 2004, Accession No.: AL049482.	
CQ	Benes, V., et al., "Arabidopsis thaliana DNA chromosome 3, BAC clone F28O9", Jan. 21, 2000, Accession No.: AL137080 (XP-002264650).	
CR	Bevan, M., et al., "Arabidopsis thaliana DNA chromosome 4, BAC clone T19P19 (ESSA project)", March 20, 2000, Accession No.: AL022605.	
CS	Vysotskaia, V.S., et al., "Arabidopsis thaliana chromosome 1 BAC F9K20 sequence, complete sequence", Nov. 4, 1998, Accession No. AC005679.	
CT	Bevan, M., et al., "Arabidopsis thaliana DNA chromosome 5, BAC clone F12B17 (ESSA project)", April 28, 2000, Accession No.: AL353995.	
CU	Sato, S., et al., "Arabidopsis thaliana genomic DNA, chromosome 5, PI clone:MKN22", Feb. 14, 2004, Accession No.: AB019234.	
CV	Lin, X., et al., "Arabidopsis thaliana chromosome 2 clone T1E2 map mi54, complete sequence", Feb. 27, 2002, Accession No.: AC006929.	
CW	Kaneko, T., et al., "Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MXP5", Feb. 14, 2004, Accession No.: AP002048.	
CX	Lin, X., et al., "Arabidopsis thaliana chromosome 1 BAC F14G9 genomic sequence, complete sequence", Jan. 19, 2001, Accession No.: AC069159 (and gene F14G9.26).	
CY	Berg, D., et al., "From genes to targets: impact of functional genomics on herbicide discovery", The 1999 Brighton Conference - Weeds, Nov. 15, 1999, pp. 491-500.	
CZ	Alexandrov, N., et al., "Arabidopsis thaliana protein fragment SEQ ID No: 13319", Oct. 17, 2000, Accession No.: AAG13720.	
CA1	Newman, T., et al., "9847 Lambda-PRL2 Arabidopsis thaliana cDNA clone 135H3T7, mRNA sequence", Aug. 4, 1998, Accession No.: T46584.	
CB1	Benes, V., et al., "Hypothetical protein F28O9.40", Oct. 1, 2000, Accession No.: Q9M2M8 (F28O9.40).	
CC1	Benes, V., et al., "Helicase-like protein", Oct. 1, 2000, Accession No.: Q9M2L7 (F28O9.150).	
CD1	Lin, X., et al., "Arabidopsis thaliana chromosome 1 BAC F2G19 genomic sequence, complete sequence", Jan. 19, 2001, Accession No.: AC083835.	
CE1	Rounsley, S.D., et al., "Arabidopsis thaliana chromosome 2 clone F3G5 map ve018, complete sequence", March 11, 2002, Accession No.: AC005896.	
CF1	Lin, X., "Arabidopsis thaliana chromosome 2 clone F9O13 map mi398, complete sequence", March 11, 2002, Accession No.: AC006248.	
CG1	Gatz, C., et al., "Stringent repression and homogeneous de-repression by tetracycline of a modified CaMV 35S promoter in intact transgenic tobacco plants", The Plant Journal, 1992, Vol. 2, No. 3, pp. 397-404.	
CH1	Newman, T., et al., "28264 Lambda-PRL2 Arabidopsis thaliana CDNA clone 144G13XP 3', mRNA sequence", Oct. 30, 1997, Accession No.: AA404880.	
CI1	Rounsley, S.D., et al., "Arabidopsis thaliana chromosome 2 clone T19L18 map B68, complete sequence", March 11, 2002, Accession No.: AC004747.	

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	CJ1	Sato, S., et al., "Arabidopsis thaliana genomic DNA, chromosome 5, PI clone:MAB16", Feb. 14, 2004, Accession No.: AB018112 (and gene MAB16.6).	
	CK1	Sato, S., et al., "Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone:MJE7", Feb. 14, 2004, Accession No.: AB020745.	
	CL1	Kotani, H., et al., "Arabidopsis thaliana genomic DNA, chromosome 5, PI clone:MSH12", Feb. 14, 2004, Accession No.: AB006704 (and gene MSH12.9).	
	CM1	Gee, S.L., et al., "RNA helicase - mouse", Aug. 18, 2000, Accession No.: I84741.	
	CN1	Rounsley, S.D., et al., "Arabidopsis thaliana chromosome 2 clone F24D13 map B68, complete sequence", March 11, 2002, Accession No.: AC005851 (gene At2g28030).	
	CO1	Choisne, N., et al., "Arabidopsis thaliana DNA chromosome 3, BAC clone T29H11", April 19, 2000, Accession No.: AL049659.	
	CP1	Keddie, J.S., et al., "DCL protein precursor, chloroplast - tomato", Jan. 28, 1998, Accession No. S71749.	
	CQ1	Stephens, R.M., et al., "HIV-1 retropepsin (EC3.4.23.166) - equine infectious anemia virus", May 28, 1986, Accession No.: A03970 (GNLJEV).	
	CR1	Kaneko, T., et al., "Translation releasing factor RF-2 - Synechocystis sp. (strain PCC 6803)", April 25, 1997, Accession No.: S76448.	
	CS1	Chao, Q., et al., "Genomic sequence for Arabidopsis thaliana BAC F5J5, complete sequence", Jan. 5, 2001, Accession No.: AC006228 (RaP2_4).	
	CT1	Bevan, M., et al., "Hypothetical protein T25K17.100 (Hypothetical protein AT4g26290)", May 1, 2000, Accession No. Q9STQ5 (T25K17.100).	
	CU1	"Arabidopsis thaliana glutathione reductase, chloroplast (At3g54660) mRNA, complete cds", Feb. 19, 2004, Accession No.: NM_115323 (T5N23.20).	
	CV1	Schaefer, L., et al., "Alien-like protein (Mus musculus)", April 7, 1999, Accession No. AAC36309.	

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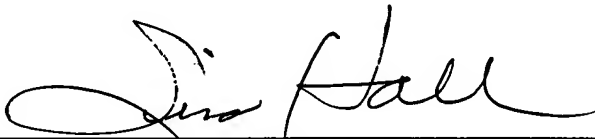
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